



Control Number: 50594



Item Number: 7

Addendum StartPage: 0



## Public Utility Commission of Texas

### Five-Year Report

Required by 16 Texas Admin. Code § 25.97(e)

RECEIVED  
2020 APR 22 AM 10:51  
PUBLIC UTILITY COMMISSION  
FILING CLERK

**PROJECT NO.** 50594

**AFFECTED ENTITY:** CPS Energy

#### General Information

Pursuant to 16 Texas Admin. Code § 25.97(e)(1), not later than May 1 every five years, each affected entity that owns or operates overhead transmission facilities greater than 60 kilovolts must submit this report. The first report must be submitted not later than May 1, 2020.

#### Instructions

Answer all questions, fill-in all blanks, and have the report notarized in the Affidavit.

#### Affidavit

A representative of the affected entity must swear to and affirm the truthfulness, correctness, and completeness of the information provided by attaching a signed and notarized copy of the Affidavit provided with this form.

#### Filing Instructions

Submit four copies (an original and three copies) of the completed form and signed and notarized Affidavit to:

Central Records Filing Clerk  
Public Utility Commission of Texas  
1701 N. Congress Avenue  
P.O. Box 13326  
Austin, Texas 78711-3326  
Telephone: (512) 936-7180

**1. Historical five-year reporting period:** 12/31/2014 – 12/31/2019

What percentage of overhead transmission facilities greater than 60 kilovolts did you inspect for compliance with the National Electric Safety Code (NESC) relating to vertical clearance in the historical five-year reporting period?

With the recent advent of LiDAR conjunctional use with PLS-CADD, accurate models of installations of transmission line infrastructure have become attainable. For the period from 12/31/2014 to 12/31/2019, CPS Energy has used this technology to design and inspect 8.3% of our transmission system for compliance with the NESC relating to vertical clearances. This is representative of the new and rebuilt transmission infrastructure that was installed during this reporting period. However, over the past 10 years, the remaining 91.7% of CPS Energy's transmission system has been inspected for NESC compliance related to vertical clearances as part the 2010 NERC Facility Rating Alert.

**2. Future five-year reporting period:** 12/31/2019 – 12/31/2024

What percentage of overhead transmission facilities greater than 60 kilovolts do you anticipate you will inspect for compliance with the NESC relating to vertical clearance during the future five-year reporting period beginning on January 1 of the year in which this report is submitted?

During the next five-year reporting period beginning January 1 of 2020, CPS Energy anticipates having 100% of overhead transmission facilities inspected for compliance with the NESC related to vertical clearance that are greater than 60kV.

Affected Entity: CPS Energy

PROJECT NO. 50594

## AFFIDAVIT

I swear or affirm that I have personal knowledge of the facts stated in this report or am relying on people with personal knowledge, that I am competent to testify to them, and that I have the authority to submit this report on behalf of the affected entity. I further swear or affirm that all statements made in this report are true, correct, and complete.



Signature

Paul S. Barham

Printed Name

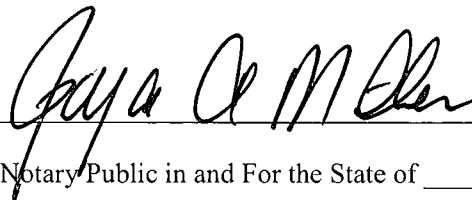
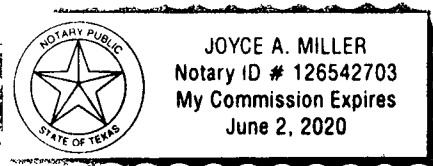
Senior Vice President, Energy Delivery Services

Job Title

CPS Energy

Name of Affected Entity

Sworn and subscribed before me this 14 day of APRIL, 2020  
Month Year



Notary Public in and For the State of TEXAS

My commission expires on JUNE 2, 2020